

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 2

LISTING OF CLAIMS

1. [Currently Amended] A system for enhancing perceived throughput between a client and a server, said system comprising a predictive unit adapted to receive a first response from the server and to generate a predictive ~~response-request~~ request based on information contained within the first response, wherein the predictive request is sent directly to the server.
2. [Currently Amended] The system of claim 1, further comprising a ~~buffer-client~~ agent unit adapted to communicate with said predictive unit and to receive a predictive response corresponding to the predictive request.
3. [Currently Amended] The system of claim 2, wherein the ~~buffer-client~~ agent unit is adapted to forward a received predictive response to the client.
4. [Currently Amended] The system of claim 3, wherein the ~~buffer-client~~ agent unit is adapted to forward a received predictive response upon receiving a request for the response from the client.
5. [Currently Amended] The system of claim 4, wherein the ~~buffer-client~~ agent unit receives a predictive response after said ~~storage-client~~ agent unit forwards the client's request for the response to said predictive unit.
6. [Currently Amended] The system of claim 2, wherein the predictive response is first received by the predictive unit and forwarded to said ~~buffer-client~~ agent unit.
7. [Currently Amended] The system of claim 6, wherein said ~~predictive-unit-client~~ agent receives requests from said client ~~multiple predictive responses~~ and

- forwards the ~~responses~~requests to the ~~buffer~~ said predictive unit using encapsulation.
8. [Currently Amended] The system of claim 6, wherein data transmitted between said ~~buffer-client agent~~ unit and said predictive unit undergoes a data processing step selected from a group consisting of data compression, partial information transfer, protocol conversion, and data packet combining.
 9. [Currently Amended] The system of claim [1] 2, wherein the client agent ~~buffer~~ unit is adapted to transmit a partial ~~pseudo~~ response to a client before a full response from said server has been received.
 10. [Currently Amended] The system of claim 9, wherein the client agent ~~buffer~~ unit is adapted to store a response and to forward the response to the client upon receiving a re-load request for the response from the client.
 11. [Currently Amended] A method for enhancing perceived throughput between a server and a client utilizing a predictive unit, said method comprising the predictive unit analyzing the server's response to a request issued by the client, ~~and~~ generating a predictive request based on the content of the server's response, and sending said predictive request directly to said server.
 12. [Currently Amended] The method according to claim 11, further utilizing a ~~buffer-client agent~~ unit wherein the ~~buffer-client agent~~ unit is adapted to receive[s] a predictive response corresponding to the predictive request.
 13. [Currently Amended] The method according to claim 12, wherein the ~~buffer~~ client agent unit forwards the predictive response to the client.

14. [Currently Amended] The method according to claim 13, wherein the ~~buffer~~ client agent unit receives from the client a request for the predictive response.
15. [Currently Amended] The method according to claim 14, wherein the ~~buffer~~ client agent unit receives a predictive response after said ~~buffer-client agent~~ unit forwards the client's request for the response to said predictive unit.
16. [Currently Amended] The method according to claim 12, wherein the predictive unit receives the predictive response and forwarded it to said ~~buffer-client agent~~ unit.
17. [Currently Amended] The method according to claim 16, wherein said ~~predictive~~ client agent unit receives multiple[s] predictive responses, encapsulates the responses and forwards the encapsulated responses to the ~~buffer-predictive~~ unit.
18. [Currently Amended] The method of claim 17, wherein data transmitted between said ~~buffer-client agent~~ unit and said predictive unit undergoes a data processing step selected from a group consisting of data compression, partial information transfer, protocol conversion, and data packet combining.
19. [Currently Amended] The method of claim 11, wherein the client agent ~~predictive-unit~~ transmits partial pseudo-responses to a client.
20. [Currently Amended] The method of claim 19, wherein the client agent ~~predictive-unit~~ also stores a predictive response and forwards the predictive response to the client upon receiving a re-load request for the response from the client.
21. [New] The system of claim 9, wherein said partial response includes a re-load command.

22. [New] A system for enhancing perceived throughput between a client and a server, said system comprising a client agent unit adapted to transfer a first request of said client to said server, to receive a first response from said server, to modify said first response and to transfer said modified first response to said client, wherein said modified first response comprises a page description and a list of objects.
23. [New] The system of claim 22, wherein said modified first response comprises a re-load command of objects of said page.
24. [New] The system of claim 22, wherein said modified first response is a stripped down version of said first response.
25. [New] The system of claim 22, wherein said client agent unit is adapted to respond to a first request, to fetch an object from a list of objects by responding to said client with a partial response while transferring the request to said server before a full response from said server has been received.
26. [New] The system of claim 25, wherein said client agent unit is adapted to store responses received from said server until a corresponding load request for a received object is received from said client.
27. [New] The method of claim 25, wherein said partial response includes a re-load command.
28. [New] A method for enhancing perceived throughput between a server and a client, the method comprising transferring a first request from said client to said server, receiving a first response from said server, modifying said first response

APPLICANT(S): ORR, Michael et al.
SERIAL NO.: 09/788,545
FILED: February 21, 2001
Page 6

and transferring said modified response to said client, wherein said first response comprises a page description and a list of objects.

29. [New] The method of claim 28, wherein modifying of said first response includes adding a re-load command of objects in said page.
30. [New] The method of claim 28, wherein modifying of said first response is done by stripping down said first response.
31. [New] The method of claim 28, further comprising responding to request to fetch an object from list of objects by sending a partial response to said client while transferring the request to said server.
32. [New] The method of claim 31, further comprising storing a response to said request for an object received from said server until a re-load request corresponding to said received object is received from said client.